

Amendments to the Claims:

1. (Original) Process for the treatment of leathers or skins, pretanned with dialdehydes and retanned with organic tanning agents, with anionic reagents in an aqueous liquor, in which

a) either an anionic reagent together with at least one organic polyamine having at least three amino groups in the molecule, or mixtures or reaction products (1) of such polyamines with (2) at least one alkylsilane having organic oxy radicals bonded to the silicon atom and a functional group bonded to the alkyl group so that said reaction products have at least two free amino groups in the molecule, said functional group forming covalently bonded bridging groups with an amino group of the polyamine, are added to the liquor and allowed to act on the leather,

b) or the leather is first treated with anionic reagents and then, in the same or a fresh liquor, at least one organic polyamine having at least three amino groups in the molecule, or mixtures or reaction products (1) of such polyamines with (2) at least one alkylsilane having organic oxy radicals bonded to the silicon atom and a functional group bonded to the alkyl group so that said reaction products have at least two free amino groups in the molecule, said functional group forming a covalently bonded bridging group with an amino group of the polyamine, is or are allowed to act on the treated material,

c) or the leather is first treated with an organic polyamine having at least three amino groups in the molecule, or mixtures or reaction products (1) of such polyamines with (2) at least one alkylsilane having organic oxy radicals bonded to the silicon atom and a functional group bonded to the alkyl group so that said reaction products have at least two free amino groups in the molecule, said functional group forming a covalently bonded bridging group with an amino group of the polyamine, and the anionic reagents are then allowed to act on the treated material in the same or a fresh liquor.

2. (Original) Process according to Claim 1, characterized in that the anionic reagents are fatliquoring agents, water repellents, organic tanning and retanning agents or dyes which have at least one acidic group.

3. (Original) Process according to Claim 1, characterized in that the anionic auxiliaries are used in an amount of from 0.1 to 30% by weight, based on the shaved weight of the leather or the skins.

4. (Original) Process according to Claim 1, characterized in that the auxiliary is an anionic dye.

5. (Original) Process according to Claim 1, characterized in that the polyamines are low molecular weight, oligomeric or polymeric compounds which are soluble in polar solvents and also in water.

6. (Original) Process according to Claim 1, characterized in that the low molecular weight polyamines are saturated or unsaturated, open-chain, mono- or polycyclic compounds which contain 6 to 30 C atoms.

7. (Original) Process according to Claim 1, characterized in that the polyamines are oligomers or polymers in which the amino groups are bonded either directly or via a bridging group to the polymer backbone or in the polymer backbone.

8. (Original) Process according to Claim 7, characterized in that the oligomers contain from 3 to 100, preferably from 3 to 50 and particularly preferably from 3 to 30 and the polymers more than 100 and up to about 28 000 identical or different monomer units.

9. (Original) Process according to Claim 7, characterized in that the oligomers and polymers contain at least one repeating structural element of the formula II and optionally at least one repeating structural element of the formula III





in which

R₁ is H or C₁-C₄alkyl,

R₂ is H or methyl,

R₃ is H, C₁-C₁₇alkyl, phenyl, methylphenyl, pyrrolidinyl, Cl, -O-C₁-C₄alkyl, -O-(CO)-C₁-C₄alkyl, -C(O)-OR₄ or -C(O)-NR₅R₆,

R₄ is H or C₁-C₁₈alkyl and

R₅ and R₆, independently of one another, are H or C₁-C₄alkyl.

10. (Original) Process according to Claim 7, characterized in that the oligomers and polymers are adducts of organic diamines and aziridine or a polyethylenamine.

11. (Original) Process according to Claim 10, characterized in that the adducts contain repeating structural elements of the formula IV and optionally repeating structural elements of the formula V



terminal groups R₈ being bonded to the ends of the chains, in which

R₇ is C₂-C₁₂alkylene, C₅-C₈cycloalkylene or C₆-C₁₀arylene,

R₈ is hydrogen, C₁-C₁₈alkoxy or C₁-C₁₈alkylamino and

the R₁₆, independently of one another, are H or C₁-C₄alkyl.

12. (Original) Process according to Claim 11, characterized in that the adducts are

oligomers having 3 to 15 structural elements of the formula IV and optionally repeating structural elements of the formula V.

13. (Original) Process according to Claim 11, characterized in that the content of repeating structural elements of the formula IV is from 50 to 100 mol% and the content of repeating structural elements of the formula V is from 50 to 0 mol%.

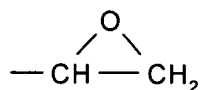
14. (Original) Process according to Claim 1, characterized in that an alkylsilane having organic oxy radicals bonded to the silicon atom and a functional group bonded to the alkyl group is additionally concomitantly used, either as a mixture with the polyamine or as a reaction product with the polyamine, the amino groups of the polyamine and the functional group together forming a covalently bonded bridging group.

15. (Original) Process according to Claim 14, characterized in that the functional silane corresponds to the formula VI,



in which

R_{13} is C_1 - C_4 alkyl and in particular methyl, R_{14} is $-(CH_2)_3-O-CH_2-$ and X_1 is an epoxide group of the formula



or R_{14} is C_2 - C_6 alkylene and X_1 is $-NCO$ or $-C(O)OR_{15}$, in which R_{15} is hydrogen or C_1 - C_4 alkyl.

16. (Original) Process according to Claim 15, characterized in that the amount of functional alkylsilanes in the composition with the polyamine is preferably from 1 to 60% by weight, based on the total amount of polyamine and functional alkylsilane.

17. (Original) Process according to Claim 1, characterized in that the polyamine or the

mixture or reaction product of polyamine and alkylsilane is used in an amount of from 0.1 to 30% by weight, based on the shaved weight of the fibrous material.

18. (Original) Process according to Claim 1, which is carried out at from room temperature to 60°C.

Claims 19-34 (Cancel).